

CRF Errors Corrected by the STIC Systems Branch

Serial Number:

09/884,870

ENTERED

CRF Processing Date:

7/24/2001

Edited by:

Verified by:

(STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/884,870

DATE: 07/24/2001

TIME: 16:20:54

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07242001\I884870.raw

4 <110> APPLICANT: Glucksmann, Maria A.
 5 Kadambi, Vivek
 7 <120> TITLE OF INVENTION: 33358, A NOVEL HUMAN ANKYRIN FAMILY MEMBER AND USES THEREOF
 10 <130> FILE REFERENCE: MNI-162CP
 12 <140> CURRENT APPLICATION NUMBER: US/09/884,870
 12 <141> CURRENT FILING DATE: 2001-06-18
 12 <150> PRIOR APPLICATION NUMBER: 60/212,222
 13 <151> PRIOR FILING DATE: 2000-06-16
 15 <160> NUMBER OF SEQ ID NOS: 3
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 1538
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Homo sapiens
 24 <220> FEATURE:
 25 <221> NAME/KEY: CDS
 26 <222> LOCATION: (75)...(1046)
 28 <400> SEQUENCE: 1
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 30 gagcataagc caaa atg gaa gat ggt cct gtt ttc tat ggc ttt aaa aac 110
 31 Met Glu Asp Gly Pro Val Phe Tyr Gly Phe Lys Asn
 32 1 5 10
 34 att ttt att aca atg ttt gct acg ttt ttt ttc ttt aag ctt tta att 158
 35 Ile Phe Ile Thr Met Phe Ala Thr Phe Phe Phe Phe Lys Leu Leu Ile
 36 15 20 25
 38 aaa gtt ttt ttg gct ctc cta acc cat ttc tat atc gtc aaa gga aat 206
 39 Lys Val Phe Leu Ala Leu Leu Thr His Phe Tyr Ile Val Lys Gly Asn
 40 30 35 40
 42 aga aaa gaa gcg gct agg ata gca gaa gag atc tat ggt gga att tca 254
 43 Arg Lys Glu Ala Ala Arg Ile Ala Glu Glu Ile Tyr Gly Gly Ile Ser
 44 45 50 55 60
 46 gat tgc tgg gct gat cga tcc cca ctt cat gaa gct gca gct cag ggg 302
 47 Asp Cys Trp Ala Asp Arg Ser Pro Leu His Glu Ala Ala Ala Gln Gly
 48 65 70 75
 50 cgc tta ctg gcc ctt aaa act tta att gca caa ggt gtc aat gtg aac 350
 51 Arg Leu Leu Ala Leu Lys Thr Leu Ile Ala Gln Gly Val Asn Val Asn
 52 80 85 90
 54 ctt gtg aca att aac cgg gtg tct tct ctc cac gag gca tgc ctt gga 398
 55 Leu Val Thr Ile Asn Arg Val Ser Ser Leu His Glu Ala Cys Leu Gly
 56 95 100 105
 58 ggt cac gtg gcc tgt gcc aaa gcc tta ttg gaa aat ggt gca cac gtc 446
 59 Gly His Val Ala Cys Ala Lys Ala Leu Leu Glu Asn Gly Ala His Val
 60 110 115 120
 62 aat gga gtg aca gtt cac gga gcc aca ccc ctc ttc aat gct tgc tgc 494
 63 Asn Gly Val Thr Val His Gly Ala Thr Pro Leu Phe Asn Ala Cys Cys
 64 125 130 135 140
 66 agc ggc agt gct gca tgt gtc aat gtg ctg ctg gag ttc gga gcc aag 542

RAW SEQUENCE LISTING

DATE: 07/24/2001

PATENT APPLICATION: US/09/884,870

TIME: 16:20:55

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07242001\I884870.raw

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67 Ser Gly Ser Ala Ala Cys Val Asn Val Leu Leu Glu Phe Gly Ala Lys
68          145          150          155
70 gcc cag ttg gag gtg cac ctg gcc tcg ccc atc cat gag gca gtg aag 590
71 Ala Gln Leu Glu Val His Leu Ala Ser Pro Ile His Glu Ala Val Lys
72          160          165          170
74 aga ggt cac aga gag tgc atg gag atc ctg ctg gca aat aat gtt aac 638
75 Arg Gly His Arg Glu Cys Met Glu Ile Leu Leu Ala Asn Asn Val Asn
76          175          180          185
78 att gac cat gag gtg cct cag ctg gga act ccc cta tat gtg gcc tgc 686
79 Ile Asp His Glu Val Pro Gln Leu Gly Thr Pro Leu Tyr Val Ala Cys
80          190          195          200
82 acc tac cag agg gta gac tgt gtg aag aaa ctt cta gaa tta gga gcc 734
83 Thr Tyr Gln Arg Val Asp Cys Val Lys Lys Leu Leu Glu Leu Gly Ala
84 205          210          215          220
86 agt gtc gac cat ggc cag tgg ctg gac acc cca ctg cat gct gca gcg 782
87 Ser Val Asp His Gly Gln Trp Leu Asp Thr Pro Leu His Ala Ala Ala
88          225          230          235
90 agg cag tcc aat gtg gag gtc atc cac ctg cta acc gac tat gga gct 830
91 Arg Gln Ser Asn Val Glu Val Ile His Leu Leu Thr Asp Tyr Gly Ala
92          240          245          250
94 aac ctg aag cgt aga aat gct cag ggc aaa agt gcg ctt gat ctg gcg 878
95 Asn Leu Lys Arg Arg Asn Ala Gln Gly Lys Ser Ala Leu Asp Leu Ala
96          255          260          265
98 gct cca aaa agc agc gtg gag cag gca ctg ttg ctg cgt gaa ggc cca 926
99 Ala Pro Lys Ser Ser Val Glu Gln Ala Leu Leu Leu Arg Glu Gly Pro
100          270          275          280
102 cct gct ctt tcc cag ctg tgc cgc ctg tgt gtc cgg aag tgt ctg ggt 974
103 Pro Ala Leu Ser Gln Leu Cys Arg Leu Cys Val Arg Lys Cys Leu Gly
104 285          290          295          300
106 cga gca tgt cat caa gcc atc cac aag cta cat ctg cca gag cca ctg 1022
107 Arg Ala Cys His Gln Ala Ile His Lys Leu His Leu Pro Glu Pro Leu
108          305          310          315
110 gaa cga ttc ctg cta tac caa tag tcctaagtgt tcctgggaag atacttgga 1076
111 Glu Arg Phe Leu Leu Tyr Gln *
112          320
114 tgacacagat tggtgtctgc tgtacctaga gtacctaatg tagaagctca acagcttaga 1136
115 ctctagtagtat ctttaaata gmtcagtcga agtaaattccc ccatgagcta gaacacttga 1196
116 ggagtggrraa ctctgtggtta gtttaattgtt ctcatataacc aaggggcaag tagaaaccat 1256
117 ttagcttttta gctctttgtt gtttaagaac ttaaaagaac tgtgaagtag agtgaaaaca 1316
118 ataggctggtt ttttgatgat tcgggatctt cttgtacctt aaagtcaaca ttctgaatat 1376
119 tgtatagaca catataaatt caggtggata agattataac aaatgttagg tattccaaga 1436
120 tatgtttcttg atttagttcc ttccttcagc ccttccccac ttttttctt tctttccttg 1496
121 aataaatctg gtataatttt gaaaaaaaaa aaaaaaaaaa aa 1538
123 <210> SEQ ID NO: 2
124 <211> LENGTH: 323
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 2
129 Met Glu Asp Gly Pro Val Phe Tyr Gly Phe Lys Asn Ile Phe Ile Thr

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Input Set : A:\Pto.amc

Output Set: N:\CRF3\07242001\I884870.raw

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130 1          5          10          15
131 Met Phe Ala Thr Phe Phe Phe Phe Lys Leu Leu Ile Lys Val Phe Leu
132          20          25          30
133 Ala Leu Leu Thr His Phe Tyr Ile Val Lys Gly Asn Arg Lys Glu Ala
134          35          40          45
135 Ala Arg Ile Ala Glu Glu Ile Tyr Gly Gly Ile Ser Asp Cys Trp Ala
136          50          55          60
137 Asp Arg Ser Pro Leu His Glu Ala Ala Ala Gln Gly Arg Leu Leu Ala
138 65          70          75          80
139 Leu Lys Thr Leu Ile Ala Gln Gly Val Asn Val Asn Leu Val Thr Ile
140          85          90          95
141 Asn Arg Val Ser Ser Leu His Glu Ala Cys Leu Gly Gly His Val Ala
142          100          105          110
143 Cys Ala Lys Ala Leu Leu Glu Asn Gly Ala His Val Asn Gly Val Thr
144          115          120          125
145 Val His Gly Ala Thr Pro Leu Phe Asn Ala Cys Cys Ser Gly Ser Ala
146          130          135          140
147 Ala Cys Val Asn Val Leu Leu Glu Phe Gly Ala Lys Ala Gln Leu Glu
148 145          150          155          160
149 Val His Leu Ala Ser Pro Ile His Glu Ala Val Lys Arg Gly His Arg
150          165          170          175
151 Glu Cys Met Glu Ile Leu Leu Ala Asn Asn Val Asn Ile Asp His Glu
152          180          185          190
153 Val Pro Gln Leu Gly Thr Pro Leu Tyr Val Ala Cys Thr Tyr Gln Arg
154          195          200          205
155 Val Asp Cys Val Lys Lys Leu Leu Glu Leu Gly Ala Ser Val Asp His
156          210          215          220
157 Gly Gln Trp Leu Asp Thr Pro Leu His Ala Ala Ala Arg Gln Ser Asn
158 225          230          235          240
159 Val Glu Val Ile His Leu Leu Thr Asp Tyr Gly Ala Asn Leu Lys Arg
160          245          250          255
161 Arg Asn Ala Gln Gly Lys Ser Ala Leu Asp Leu Ala Ala Pro Lys Ser
162          260          265          270
163 Ser Val Glu Gln Ala Leu Leu Leu Arg Glu Gly Pro Pro Ala Leu Ser
164          275          280          285
165 Gln Leu Cys Arg Leu Cys Val Arg Lys Cys Leu Gly Arg Ala Cys His
166          290          295          300
167 Gln Ala Ile His Lys Leu His Leu Pro Glu Pro Leu Glu Arg Phe Leu
168 305          310          315          320
169 Leu Tyr Gln
173 <210> SEQ ID NO: 3
174 <211> LENGTH: 972
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
178 <220> FEATURE:
179 <221> NAME/KEY: CDS
180 <222> LOCATION: (1)...(972)
182 <400> SEQUENCE: 3
183 atg gaa gat ggt cct gtt ttc tat ggc ttt aaa aac att ttt att aca 48

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/884,870

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TIME: 16:20:55

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07242001\I884870.raw

184	Met	Glu	Asp	Gly	Pro	Val	Phe	Tyr	Gly	Phe	Lys	Asn	Ile	Phe	Ile	Thr	
185	1				5				10					15			
187	atg	ttt	gct	acg	ttt	ttt	ttc	ttt	aag	ctt	tta	att	aaa	gtt	ttt	ttg	96
188	Met	Phe	Ala	Thr	Phe	Phe	Phe	Phe	Lys	Leu	Leu	Ile	Lys	Val	Phe	Leu	
189				20					25					30			
191	gct	ctc	cta	acc	cat	ttc	tat	atc	gtc	aaa	gga	aat	aga	aaa	gaa	gcg	144
192	Ala	Leu	Leu	Thr	His	Phe	Tyr	Ile	Val	Lys	Gly	Asn	Arg	Lys	Glu	Ala	
193				35				40					45				
195	gct	agg	ata	gca	gaa	gag	atc	tat	ggt	gga	att	tca	gat	tgc	tgg	gct	192
196	Ala	Arg	Ile	Ala	Glu	Glu	Ile	Tyr	Gly	Gly	Ile	Ser	Asp	Cys	Trp	Ala	
197		50					55				60						
199	gat	cga	tcc	cca	ctt	cat	gaa	gct	gca	gct	cag	ggg	cgc	tta	ctg	gcc	240
200	Asp	Arg	Ser	Pro	Leu	His	Glu	Ala	Ala	Ala	Gln	Gly	Arg	Leu	Leu	Ala	
201	65				70				75					80			
203	ctt	aaa	act	tta	att	gca	caa	ggt	gtc	aat	gtg	aac	ctt	gtg	aca	att	288
204	Leu	Lys	Thr	Leu	Ile	Ala	Gln	Gly	Val	Asn	Val	Asn	Leu	Val	Thr	Ile	
205				85				90						95			
207	aac	cgg	gtg	tct	tct	ctc	cac	gag	gca	tgc	ctt	gga	ggt	cac	gtg	gcc	336
208	Asn	Arg	Val	Ser	Ser	Leu	His	Glu	Ala	Cys	Leu	Gly	Gly	His	Val	Ala	
209				100				105					110				
211	tgt	gcc	aaa	gcc	tta	ttg	gaa	aat	ggt	gca	cac	gtc	aat	gga	gtg	aca	384
212	Cys	Ala	Lys	Ala	Leu	Leu	Glu	Asn	Gly	Ala	His	Val	Asn	Gly	Val	Thr	
213			115				120						125				
215	gtt	cac	gga	gcc	aca	ccc	ctc	ttc	aat	gct	tgc	tgc	agc	ggc	agt	gct	432
216	Val	His	Gly	Ala	Thr	Pro	Leu	Phe	Asn	Ala	Cys	Cys	Ser	Gly	Ser	Ala	
217		130					135				140						
219	gca	tgt	gtc	aat	gtg	ctg	ctg	gag	ttc	gga	gcc	aag	gcc	cag	ttg	gag	480
220	Ala	Cys	Val	Asn	Val	Leu	Leu	Glu	Phe	Gly	Ala	Lys	Ala	Gln	Leu	Glu	
221	145				150				155					160			
223	gtg	cac	ctg	gcc	tgc	ccc	atc	cat	gag	gca	gtg	aag	aga	ggt	cac	aga	528
224	Val	His	Leu	Ala	Ser	Pro	Ile	His	Glu	Ala	Val	Lys	Arg	Gly	His	Arg	
225				165				170						175			
227	gag	tgc	atg	gag	atc	ctg	ctg	gca	aat	aat	gtt	aac	att	gac	cat	gag	576
228	Glu	Cys	Met	Glu	Ile	Leu	Leu	Ala	Asn	Asn	Val	Asn	Ile	Asp	His	Glu	
229				180				185						190			
231	gtg	cct	cag	ctc	gga	act	ccc	cta	tat	gtg	gcc	tgc	acc	tac	cag	agg	624
232	Val	Pro	Gln	Leu	Gly	Thr	Pro	Leu	Tyr	Val	Ala	Cys	Thr	Tyr	Gln	Arg	
233			195				200						205				
235	gta	gac	tgt	gtg	aag	aaa	ctt	cta	gaa	tta	gga	gcc	agt	gtc	gac	cat	672
236	Val	Asp	Cys	Val	Lys	Lys	Leu	Leu	Glu	Leu	Gly	Ala	Ser	Val	Asp	His	
237		210					215				220						
239	ggc	cag	tgg	ctg	gac	acc	cca	ctc	cat	gct	gca	gcg	agg	cag	tcc	aat	720
240	Gly	Gln	Trp	Leu	Asp	Thr	Pro	Leu	His	Ala	Ala	Ala	Arg	Gln	Ser	Asn	
241	225				230				235					240			
243	gtg	gag	gtc	atc	cac	ctg	cta	acc	gac	tat	gga	gct	aac	ctg	aag	cgt	768
244	Val	Glu	Val	Ile	His	Leu	Leu	Thr	Asp	Tyr	Gly	Ala	Asn	Leu	Lys	Arg	
245				245				250						255			
247	aga	aat	gct	cag	ggc	aaa	agt	gcg	ctt	gat	ctg	gcg	gct	cca	aaa	agc	816
248	Arg	Asn	Ala	Gln	Gly	Lys	Ser	Ala	Leu	Asp	Leu	Ala	Ala	Pro	Lys	Ser	

RAW SEQUENCE LISTING

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DATE: 07/24/2001

TIME: 16:20:55

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07242001\I884870.raw

249	260	265	270	
251 agc gtg gag cag gca ctc ttg ctc cgt gaa ggc cca cct gct ctt tcc	864			
252 Ser Val Glu Gln Ala Leu Leu Leu Arg Glu Gly Pro Pro Ala Leu Ser				
253	275	280	285	
255 cag ctc tgc cgc ctg tgt gtc cgg aag tgt ctc ggt cga gca tgt cat	912			
256 Gln Leu Cys Arg Leu Cys Val Arg Lys Cys Leu Gly Arg Ala Cys His				
257	290	295	300	
259 caa gcc atc cac aag cta cat ctg cca gag cca ctc gaa cga ttc ctc	960			
260 Gln Ala Ile His Lys Leu His Leu Pro Glu Pro Leu Glu Arg Phe Leu				
261 305	310	315	320	
263 cta tac caa tag				972
264 Leu Tyr Gln *				

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/884,870

DATE: 07/24/2001

TIME: 16:20:56

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07242001\I884870.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/884,870

DATE: 07/05/2001

TIME: 16:36:47

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\07032001\I884870.raw

**Does Not Comply
Corrected Diskette Needed**

4 <110> APPLICANT: Glucksmann, Maria A.
 5 Kadambi, Vivek
 7 <120> TITLE OF INVENTION: 33358, A NOVEL HUMAN ANKYRIN FAMILY MEMBER AND USES THEREOF
 10 <130> FILE REFERENCE: MNI-162CP
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/884,870
 C--> 12 <141> CURRENT FILING DATE: 2001-06-18
 12 <150> PRIOR APPLICATION NUMBER: 60/212,222
 13 <151> PRIOR FILING DATE: 2000-06-16
 15 <160> NUMBER OF SEQ ID NOS: 3
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

173 <210> SEQ ID NO: 3
 174 <211> LENGTH: 972
 175 <212> TYPE: DNA
 176 <213> ORGANISM: Homo sapiens
 178 <220> FEATURE:
 179 <221> NAME/KEY: CDS
 180 <222> LOCATION: (1)...(972)
 182 <400> SEQUENCE: 3
 183 atg gaa gat ggt cct gtt ttc tat ggc ttt aaa aac att ttt att aca 48
 184 Met Glu Asp Gly Pro Val Phe Tyr Gly Phe Lys Asn Ile Phe Ile Thr
 185 1 5 10 15
 187 atg ttt gct acg ttt ttt ttc ttt aag ctt tta att aaa gtt ttt ttg 96
 188 Met Phe Ala Thr Phe Phe Phe Phe Lys Leu Leu Ile Lys Val Phe Leu
 189 20 25 30
 191 gct ctc cta acc cat ttc tat atc gtc aaa gga aat aga aaa gaa gcg 144
 192 Ala Leu Leu Thr His Phe Tyr Ile Val Lys Gly Asn Arg Lys Glu Ala
 193 35 40 45
 195 gct agg ata gca gaa gag atc tat ggt gga att tca gat tgc tgg gct 192
 196 Ala Arg Ile Ala Glu Glu Ile Tyr Gly Gly Ile Ser Asp Cys Trp Ala
 197 50 55 60
 199 gat cga tcc cca ctt cat gaa gct gca gct cag ggg cgc tta ctg gcc 240
 200 Asp Arg Ser Pro Leu His Glu Ala Ala Ala Gln Gly Arg Leu Leu Ala
 201 65 70 75 80
 203 ctt aaa act tta att gca caa ggt gtc aat gtg aac ctt gtg aca att 288
 204 Leu Lys Thr Leu Ile Ala Gln Gly Val Asn Val Asn Leu Val Thr Ile
 205 85 90 95
 207 aac cgg gtg tct tct ctc cac gag gca tgc ctt gga ggt cac gtg gcc 336
 208 Asn Arg Val Ser Ser Leu His Glu Ala Cys Leu Gly Gly His Val Ala
 209 100 105 110
 211 tgt gcc aaa gcc tta ttg gaa aat ggt gca cac gtc aat gga gtg aca 384
 212 Cys Ala Lys Ala Leu Leu Glu Asn Gly Ala His Val Asn Gly Val Thr
 213 115 120 125
 215 gtt cac gga gcc aca ccc ctc ttc aat gct tgc tgc agc ggc agt gct 432

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/884,870

DATE: 07/05/2001
 TIME: 16:36:47

Input Set : A:\Seqlist.txt
 Output Set: N:\CRF3\07032001\I884870.raw

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217		130					135					140					
219	gca	tgt	gtc	aat	gtg	ctg	ctg	gag	ttc	gga	gcc	aag	gcc	cag	ttg	gag	480
220	Ala	Cys	Val	Asn	Val	Leu	Leu	Glu	Phe	Gly	Ala	Lys	Ala	Gln	Leu	Glu	
221	145					150					155					160	
223	gtg	cac	ctg	gcc	tcg	ccc	atc	cat	gag	gca	gtg	aag	aga	ggt	cac	aga	528
224	Val	His	Leu	Ala	Ser	Pro	Ile	His	Glu	Ala	Val	Lys	Arg	Gly	His	Arg	
225					165					170					175		
227	gag	tgc	atg	gag	atc	ctg	ctg	gca	aat	aat	gtt	aac	att	gac	cat	gag	576
228	Glu	Cys	Met	Glu	Ile	Leu	Leu	Ala	Asn	Asn	Val	Asn	Ile	Asp	His	Glu	
229				180					185					190			
231	gtg	cct	cag	ctc	gga	act	ccc	cta	tat	gtg	gcc	tgc	acc	tac	cag	agg	624
232	Val	Pro	Gln	Leu	Gly	Thr	Pro	Leu	Tyr	Val	Ala	Cys	Thr	Tyr	Gln	Arg	
233			195					200					205				
235	gta	gac	tgt	gtg	aag	aaa	ctt	cta	gaa	tta	gga	gcc	agt	gtc	gac	cat	672
236	Val	Asp	Cys	Val	Lys	Lys	Leu	Leu	Glu	Leu	Gly	Ala	Ser	Val	Asp	His	
237		210					215					220					
239	ggc	cag	tgg	ctg	gac	acc	cca	ctc	cat	gct	gca	gcg	agg	cag	tcc	aat	720
240	Gly	Gln	Trp	Leu	Asp	Thr	Pro	Leu	His	Ala	Ala	Ala	Arg	Gln	Ser	Asn	
241	225					230					235					240	
243	gtg	gag	gtc	atc	cac	ctg	cta	acc	gac	tat	gga	gct	aac	ctg	aag	cgt	768
244	Val	Glu	Val	Ile	His	Leu	Leu	Thr	Asp	Tyr	Gly	Ala	Asn	Leu	Lys	Arg	
245				245					250					255			
247	aga	aat	gct	cag	ggc	aaa	agt	gcg	ctt	gat	ctg	gcg	gct	cca	aaa	agc	816
248	Arg	Asn	Ala	Gln	Gly	Lys	Ser	Ala	Leu	Asp	Leu	Ala	Ala	Pro	Lys	Ser	
249			260					265						270			
251	agc	gtg	gag	cag	gca	ctc	ttg	ctc	cgt	gaa	ggc	cca	cct	gct	ctt	tcc	864
252	Ser	Val	Glu	Gln	Ala	Leu	Leu	Leu	Arg	Glu	Gly	Pro	Pro	Ala	Leu	Ser	
253			275					280						285			
255	cag	ctc	tgc	cgc	ctg	tgt	gtc	cgg	aag	tgt	ctc	ggt	cga	gca	tgt	cat	912
256	Gln	Leu	Cys	Arg	Leu	Cys	Val	Arg	Lys	Cys	Leu	Gly	Arg	Ala	Cys	His	
257		290					295					300					
259	caa	gcc	atc	cac	aag	cta	cat	ctg	cca	gag	cca	ctc	gaa	cga	ttc	ctc	960
260	Gln	Ala	Ile	His	Lys	Leu	His	Leu	Pro	Glu	Pro	Leu	Glu	Arg	Phe	Leu	
261	305					310					315					320	
263	cta	tac	caa	tag													972
264	Leu	Tyr	Gln	*													

E--> 267 mnI-162cP 3

E--> 269 mnI-162cP 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/884,870

DATE: 07/05/2001

TIME: 16:36:48

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\07032001\I884870.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:267 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:267 M:254 E: No. of Bases conflict, LENGTH:Input:3 Counted:978 SEQ:3
L:267 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6
L:267 M:112 C: (48) String data converted to lower case,
L:269 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
M:254 Repeated in SeqNo=3
L:269 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:6
M:112 Repeated in SeqNo=3
L:269 M:252 E: No. of Seq. differs, <211>LENGTH:Input:972 Found:984 SEQ:3